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MAJOR AND MEDIUM IRRIGATION

(Medium costing Rs. 10 lakhs to 5 crores—Major costing Rs. 5 crores and above).

Pre-Plan Period

The gross area of Mysore State is 74,861 square miles. The gross cultivable land available is about 35 million acres. The pre-plan irrigation was of the order of 1.7 million acres forming 4.9 per cent of the 35 million acres of total available land in the State.

I Five Year Plan

There were 3 Major and 8 Medium Irrigation Projects (total 11 Projects) in progress during the I Five Year Plan period and the expenditure incurred on these projects to the end of I Five Year Plan was Rs. 37.28 crores against the estimated cost of Rs 83.72 crores. The total irrigation potential under these projects was 11.11 lakh acres. The achievements of creation of potential and utilisation to the end of I Five Year Plan are 1.17 and 0.41 lakh acres respectively.

II Five Year Plan

During the Second Plan period, the 11 Schemes of the I Five Year Plan were continued and 14 new schemes were also taken up of which 3 are major and 11 are medium Projects. The estimated cost of all the 25 projects amount to Rs. 129.28 crores. The expenditure incurred on these 25 Projects during the II Plan period was Rs. 26.69 crores. Thus the total outlay on the Major and Medium Irrigation Projects to end of II Five Year Plan period was Rs. 63.97 crores. The gross potential under I and II Five Year Plan Schemes is 14.68 lakh acres. The actual achievements of creation of potential and utilisation to the end of II Five Year Plan was 4.63 and 2.91 lakh acres respectively.

III Five Year Plan

In addition to the 25 Projects taken up during I and II Plan period, 7 new schemes—3 Major and 4 Medium—have been included in the III Five Year Plan. The estimated cost of the 7 new schemes included in the III Five Year Plan is Rs. 99.41 crores with an irrigation potential of 10.52 lakh acres. Thus the total esimated cost of I, II and III Plan Schemes amounts to Rs. 228.69 crores with a gross potential of 25.20 lakh acres. There is a provision of Rs. 40.66 crores in the III Five Year Plan (Rs. 31.27 crores for the I and II Plan Schemes, and Rs. 9.39 crores for the III Plan schemes). The expenditure during 1961-62 and 1962-63 is Rs. 7.38 crores and Rs. 5.99 crores respectively. Against the budget allotment of Rs. 6.25 crores for the year 1963-64 the expenditure up to end of December 1963 is Rs. 3.78 crores.

Under the 32 Major and Medium Irrigation Projects included under I, II and III Five Year Plans, the gross irrigation potential available is 25.20 lakh acres. The targets and achievements and potential and utilisation are as under—

	Potential (cumulative in lakh acres).	*Utilisation (culmuative in lakh acres).*
Achievements up to end of Second Five Year Plan	4.63	2.91
Targets set out up to end of Third Five Year Plan—		
(*a*) as per Plan book ...	13.58	11.74
(*b*) as per realistic programme ...	8.90	7.17
Actual achievements to end of 1962-63	5.83	4.29
Anticipated achievement to end of 1963-64	6.90	5.12
Actual achievements up to end of November 1963	6.57	4.50

MYSORE PORTS

The State's III Five Year Plan programme provides an outlay of Rs. 280.3 lakhs for development of Ports which includes Government of India assistance by way of loan to the extent of Rs. 65.3 lakhs. Excluding a provision of Rs. 27.8 lakhs under 'Central Sector' for the development of Mangalore Port a provision of Rs. 215.00 lakhs under 'State Sector' and Rs. 37.5 lakhs under 'Central Sector' is made for the development of Ports under the administrative control of the Mysore Ports Department.

Marine and Civil works and construction of floating crafts, Land Acquisition proceedings, etc., estimated to cost about Rs. 87.00 lakhs are already at various stages of progress. The remaining works are expected to be taken up during the current and coming years. Navigational Aid Schemes estimated to cost about Rs. 21.00 lakhs have been entrusted for execution to the Director General of Lighthouses and Lightships. The Civil portion of the works costing about Rs 13.00 lakhs is expected to be completed by 1964-65. The Government of India have agreed in principle for release of Foreign Exchange to the extent of Rs. 9.476 lakhs for the import of optical equipment and necessary indents for the supply have already been placed. The second stage development works for Karwar are expected to be taken up soon after the results of model studies now conducted at the Central Water and Power Research Station, Poona are known.

The anticipated outlay by the end of 1963-64 is expected to be about Rs. 95.8 lakhs.

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The ports in the State excluding Mangalore Port, have handled a traffic of 7,11,547 tonnes of cargo during 1962-63, as against 4,09,778 at the end of the Second Five Year Plan period. The trade at these ports during 1962-63 has recorded an increase of 73 per cent over the trade of 1960-61. This is expected to increase further to about one million tonnes during the current shipping season. The increase in trade is mainly due to stepping up of export of iron/manganese ore at the Ports of Karwar, Belekeri, Honnavar, Coondapur and Malpe. Keeping in view the anticipated increase of traffic, it is the intention of the Government to develop Coondapur, Honnavar and Malpe Ports as important minor ports. The Government have therefore taken up the model studies of these ports at the Mysore Engineering Research Station, Krishnaraja Sagar.

COMMUNICATIONS

During the First Five Year Plan, *i.e.*, 1951-56, 409 miles of new roads were formed and 1,109 miles were upgraded and 10 major bridges were constructed. An amount of Rs. 696. 77 lakhs has been spent on Communication works during the First Plan.

During the Second Five Year Plan for 1956-61 ,568 miles of new roads have been formed and 991 miles have been improved. One thousand six hundred and seventeen miles of roads have been asphalted and 83 miles of roads have been cement concreted. Thirty-six bridges have been completed during the above period. In addition about 10,494 miles of rural roads have been tackled. The following table gives the details of targets and achievement during the Second Five Year Plan :—

Sl. No.	Name of Scheme	Physical Achievements		Financial	
		Target (in miles)	Achievements (in miles)	Targets (Rs in lakhs)	Achievements
1	Formation of Roads	654	568	229.07	182.46
2	Improvements to Roads	682	991		
3	Asphalting of Roads	1,263	1,617	230.44	329.02
4	Cement Concreting	100	83	69.34	30.32
5	Bridges	...	36 Nos.	151.18	111.42
6	Rural Communications	...	10,494 miles tackled.	61.00	220.57
7	Tools and Plant—Road Research Survey.	...	...	58.39	67.89

During the Third Five Year Plan, a sum of Rs. 900 lakhs is provided for the Communication Schemes in the State Plan, although the spill-over requirements from Second Plan alone amounted to about Rs. 1,357 lakhs.

The expenditure during the first three years of the Plan is expected to be as under :—

(Rs. in lakhs)

Sl. No.	Name of Scheme	Expenditure during 1961-62	Expenditure during 1962-63	Anticipated Expenditure 1963-64
1	Formation and Improvements.	87.94	117.36	76.00
2	Rural Communication ...	184.38	102.13	55.00
3	Asphalting of Roads ...	93.05	97.91	65.00
4	Cement Concreting ...	0.24	0.23	0.50
5	Bridges ...	71.45	68.09	70.00
6	Road Research, Survey and Tools and Plant.	1.27	10.06	3.50
	Total ...	438.33	395.78	270.00

It may be seen that the Plan ceiling will be exceeded by the end of the current year.

The physical targets fixed for the Third Five Year Plan and those achieved in respect of the above schemes during 1961-62, 1962-63 and also anticipated during 1963-64 are given below :—

Sl. No.	Name of the Scheme	Physical Targets for the Plan period 1961-62	Physical achievements during 1961-62	Physical achievements during 1962-63	Anticipated Physical achievements during 1963-64	Total anticipated physical achievement to end of 1963-64
1	(a) Formation	329	230.0	296.0	24.0	550.0
	(b) Improvements	602	745.0	548.0	253.0	1,546.0
2	Asphalting of Roads	865	787.0	739.0	106.0	1,632.0
3	Cement Concreting	2 Miles	...	...	...	...
4	Major Bridges	110 Nos.	28 Nos.	13 Nos.	13 Nos.	54 Nos.
5	Rural Communications. —					
	(a) Rural Roads and Missing Links.	1500 Miles	7508.0	2340.0	375.0	10,223.0
	(b) Cross Drainage Works.	....	500 Nos.	112 Nos.	...	612 Nos.

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The State Government have sanctioned a programme of new roads and bridges at a cost of Rs. 1.25 crores. The details of these works are included in the supplementary estimates and also in the estimates of 1964-65. In addition to those works, the following works are also under consideration and they can be taken up only when finances become available or in lieu of any of the works in the Rs. 1.25 crores programme on the basis of priority and importance:—

		Estimated cost Rs.
1	Constructing foot-bridge across Malaprabha near Bagalkot	1,50,000
2	Construction of a bridge across Krishna near Asangi.	20,24,000
3	Improvements to Kumta-Nilkund-Siddapur Road 1st Section 24/0 to 30/0	5,13,500
4	Improvements to Kansur-Herur-Belekop road mile 0/0 to 4/0	3,05,500
5	Formation of road from Deodurg to Shorapur.	8,52,000
6	Bridge across river Karangaje on Bhalki-Humnabad Road	6,60,000
7	Constructing a causeway across Sri Shila River at 5/6 of Kokkada-Srishila Road near Arsinamakki ...	1,76,000
8	Bridge across Lakshmanathirtha near Anagoda, Hunsur Taluk	4,50,000
9	Bridge across Yediyur Addhahalla near Mangala on T. Narasipur—Chamarajanagar Road at 3/15 ...	2,00,000
10	Improvements to C. D. Works on Shimoga-Harihar Road	4,50,000
11	Bridge across Varada River on Sorab-Shiddapur Road near Badadabail	8,00,000

One of the important schemes under the State Plan is Rural Communication Programme wherein it is expected that about 14,000 miles of rural roads are to be completed in the State with a minimum of at least 50 miles of roads in each taluka. The programme is estimated to cost about Rs. 1,120 lakhs, out of which an amount of Rs. 506 lakhs has been spent to the end of 1962-63 and the amount anticipated to be spent during 1963-64 is Rs. 30 lakhs. The amount still required for completing this programme is about Rs. 600 lakhs. The details of physical achievements of this programme are as under:—

(1) Total mileage contemplated ...	14,000 miles
(2) Miles already tackled to end of 31st March 1963 ...	12,726 miles
(3) Mileage already completed (with regard to earth work only) to end of 31st March 1963 ...	9,762 miles
(4) Number of Cross Drainage Works tackled to end of 31st March 1963 ...	987 Nos.

(5) Number of Cross Drainage Works completed to end of 31st March 1963 ... 563 Nos.
(6) Number of Cross Drainage Works in progress to end of 31st March 1963 ... 424 Nos.

The following programmes come under Centrally aided works :—

1 West Coast Roads.
2 Ore Carrying Roads.
3 State Roads of Economic Importance.
4 Central Road Fund Works.

WEST COAST ROADS

With a view to connecting the important ports and towns on the West Coast and providing an all-weather communication from Bombay to Kanya Kumari and in the view of its strategic importance, the West Coast Road programme has been taken up with Central assistance. The total estimated cost of this programme is Rs. 758 lakhs and the expenditure incurred up to end of 1962-63 is Rs. 298.58 lakhs and during 1963-64, it is anticipated that an amount of Rs. 130 lakhs would be spent on this programme.

ORE CARRYING ROADS

To facilitate the expeditious transport of Ore to Karwar, Honnavar and Mangalore Ports on the West Coast of Mysore State, the Government of India agreed to provide Rs. 289.51 lakhs for 379 miles length of the following roads :—

Sl. No.	Name of Road	Length in miles	Estimated cost as per original specifications	Government of India's grants
			(Rs. in lakhs)	
1	Banasandra—Hassan Road ...	49.00	39.22	18.12
2	Hassan—Mangalore Road ...	106.00	118.59	26.64
3	Hubli—Karwar Road ...	102.00	78.04	110.00
4	Talaguppa—Honnavar Road ...	46.00	89.00	38.58
5	Londa—Karwar (Sadasivagad) ...	76.00	102.55	96.17
	Total ...	379.00	427.40	289.51

Later it was suggested that the standard of improvement proposed for the Hubli-Karwar and Hassan-Mangalore Roads should be upgraded to suit the anticipated increase in volume of traffic on those roads. Accordingly, improvement work to a higher standard is being carried

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out so as to complete the same within the target dates fixed by the Government of India. The Revised cost of improvement of all these roads as per Revised specifications (including the Kibbanahalli-Huliyar Road) amounts to Rs. 916.18 lakhs as detailed below. Government of India have been requested to agree for a grant Rs. 497.06 lakhs as indicated below :—

		Estimated cost as per revised specification	Government of India share requested
		(Rs. in lakhs)	
1	Banasandra—Hassan Road ...	84.00	42.00
2	Hassan—Mangalore Road ...	345.00	172.50
3	Hubli—Karwar Road ...	250.60	125.30
4	Talaguppa—Honnavar Road ...	89.00	38.58
5	Londa—Sadasivgad Road ...	102.55	96.17
6	Kibbanahalli—Huliyar—Yelandur Road ...	45.03	22.51
	Total ...	916.18	497.06

NATIONAL HIGHWAY

The Government of India have declared the Highway connecting Sholapur and Chitradurga as National Highway No. 13. The detailed alignment has also been approved. The total length of this road is 262 miles. During the Third Five Year Plan an amount of Rs. 75 lakhs is provided for expenditure on this road. The total estimated cost of this road is Rs. 547.2 lakhs. Major bridges and missing links on this road are being taken up during the Third Five Year Plan. Accordingly, a programme of works estimated to cost Rs. 150 lakhs which provides for the construction of bridges across Tunga, Bhadra and Don Rivers as also the missing link between Hospet and Kushtagi (38 miles) has been approved by the Government of India.

BUILDINGS

During the First Plan, an amount of about Rs. 321 lakhs has been spent on Building Construction Works and during the Second Plan about Rs. 680 lakhs have been spent on these works. Of this Rs. 517 lakhs was spent on State Plan Schemes and the remaining Rs. 163 lakhs on Centrally Sponsored Schemes.

The Programme of building works of several departments entrusted to the P.W.D. during the Third Plan is of the order of Rs. 12 crores.

The expenditure on the building works of these departments during the period 1961-62 to end of 1963-64, is expected to be as under :—

Name of the Department	Original Third Plan Provision	Anticipated Outlay during the Third Plan	Expdr. during 1961-62	Expdr. during 1962-63 Anticipated	expenditure during 1963-64
			(Rs. in lakhs)		
I. STATE PLAN SCHEMES.—					
Education ...	200.00	110.00	21.00	28.00	20.00
Technical Education ...	160.00	90.00	28.00	21.00	15.00
Medical ...	263.00	175.00	38.00	63.00	30.00
Agriculture ...	155.00	90.00	20.00	20.00	15.00
Industries ..	155.00	50.00	25.00	11.00	5.00
Animal Husbandry ...	67.00	90.00	19.00	26.00	15.00
Welfare of Scheduled Castes.	30.00	50.00	10.00	14.00	3.00
Public Health ...	197.00	130.00	27.00	24.00	25.00
Stationery and Printing	50.00	13.00	4.00	3.00	2.00
Tourism ...	15.00	5.00	1.00	1.00	1.00
I.T.I. Building ...	48.00	30.00	6.00	8.00	4.00
II. CENTRALLY SPONSORED SCHEMES.—					
Police ...	250.00	350.00	47.00	44.00	60.00
Medical ...	270.00	...	62.00	...	...
Education ...	...	12.00	..	2.322	4.00
Tourism ...	5.00	5.00	1.35	1.41	1.00
Grand Total ...	1,87.00	1,200.00	309.35	266.73	200.00

RENTAL HOUSING SCHEME PROGRAMME

A scheme for constructing 608 family quarters at a total cost of Rs. 56.76 lakhs at various places all over the State has been taken up for providing quarters to the low-paid officials whose income is Rs. 300 per month and below on rental basis. This Scheme has been taken up out of the loan obtained from the Life Insurance Corporation. An expenditure of about Rs. 50 lakhs is anticipated to end of the current year and in all about 500 quarters are expected to be completed in all rsepects leaving 87 quarters in progress and about 21 quarters to be tackled by the end of this year.